Monday 2nd November, Oxford Martin School, 34 Broad St, Oxford OX1 3BD

	Speaker	Title	Chair
9.15	**REGISTRATION**		
10.10	**Welcome** Colin Goding		
10.20	Mekayla Storer, Cambridge	At the tip of regeneration	Colin Goding
10.50	Teresa Rayon, Cambridge	The role of protein metabolism on stem cell dynamics	
11.20	**BREAK**		
11.50	Paresh Vyas, Oxford	Quantitating stem and progenitor cell clonal dynamics through differentiation using normal and malignant haemopoiesis as an exemplar	Francesco Boccellato
12.20	Vivian Li, London	Cellular plasticity in regeneration and cancer	
12.50	Kelly Sillence, Bio-Rad	How can ddPCR accelerate your Stem Cell Research?	
13.00	**LUNCH**		
14.30	Paul Hulme, 10x Genomics	Using 10X Genomics Tools to Study The Next Generation of Disease Models	Francis Szele
14.40	Angela Russell, Oxford	Small molecule modulators of lymphangiogenesis to stimulate cardiac regeneration following myocardial infarction	
15.10	Emma Rawlins, Cambridge	Local hypoxia promotes differentiation in lung development and cell fate plasticity in disease	
15.40	Beth Psaila, Oxford	First shot on goal: precision targeting of mutant stem cells in myeloproliferative neoplasms	
16.10	**BREAK**		
16.40	Malcolm Logan, London	Principles of building skeletal muscle tissue	Simon Leedham
17.10	Juan Pedro Martinez-Barbera, London	Senescence: The anti-cancer program that fuels cancer	
17.40	**END**		
19.00	**SPEAKERS' DINNER**		

Tuesday 3rd November, Oxford Martin School, 34 Broad St, Oxford OX1 3BD

	Speaker	Title	Chair
9.30	**ARRIVALS**		
10.10	**Welcome:** Francesco Boccellato		
10.20	Richard Wade-Martins, Oxford	Modelling Parkinson's brain circuitry in human neurons in 2D and 3D systems in vitro	Eric O'Neill
10.50	Joo-Hyeon Lee, New York	Reprogramming of stem cells and niches from regeneration to disease	
11.20	**BREAK**		
11.50	Simon Leedham, Oxford	Wnt mutation selection in colitis-associated colorectal neoplasia - What, when and why?	Beth Psaila
12.20	Rachael Pearson, London	Stem cell therapies for retinal disease	
12.50	Alastair McKee, Proteintech	HumanKine recombinant proteins: How native homology drives bioactivity	
13.00	**LUNCH**		
14.30	Oliver Dovey, bit.bio	Engineering Cell Fate: Scalable Human Models for Mechanistic and Translational Biology	Richard White
14.40	Francesco Boccellato, Oxford	Mechanochemical YAP1–DKK1–WNT feedback regulates regenerative niche confinement in the human stomach	
15.10	Eric O'Neill, Oxford	Mechanotransduction and stem cell behaviour in cancer cells - Hippo pathway signalling	
15.40	Simón Méndez-Ferrer, Cambridge	Bone marrow niches in myeloid malignancies	
16.10	**BREAK**		
16.40	Lionel Larue, Institute Curie, Paris	Context-dependent roles of Ctnnb1, Brn2, and Mitf in mouse melanocyte stem cells mediated pigmentation renewal	Paul Riley
17.10	Chris Toepfer, Oxford	Un-masking Supervillin as a novel disease gene in Hypertrophic Cardiomyopathy	
17.40	**Closing Remarks**	**END OF SYMPOSIUM**	